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FIG. 1A

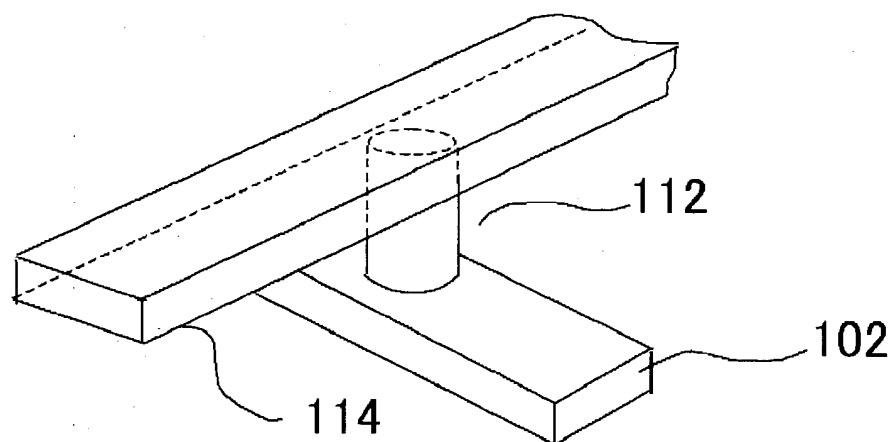
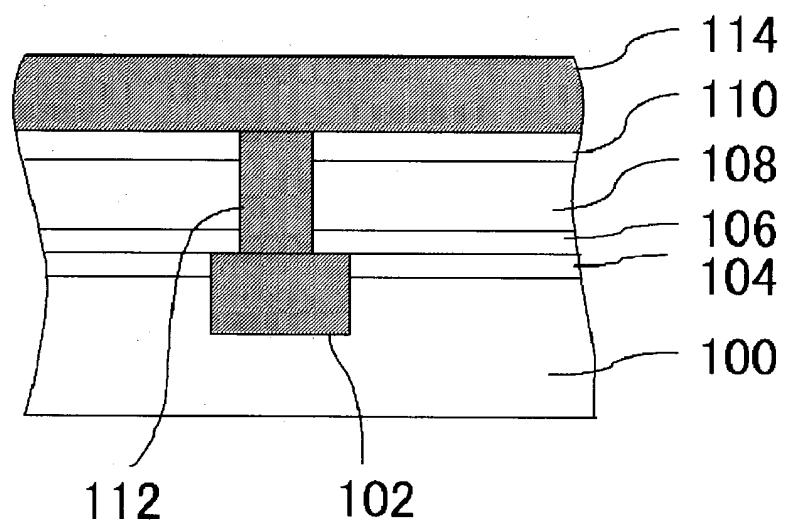


FIG. 1B



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FIG. 2A

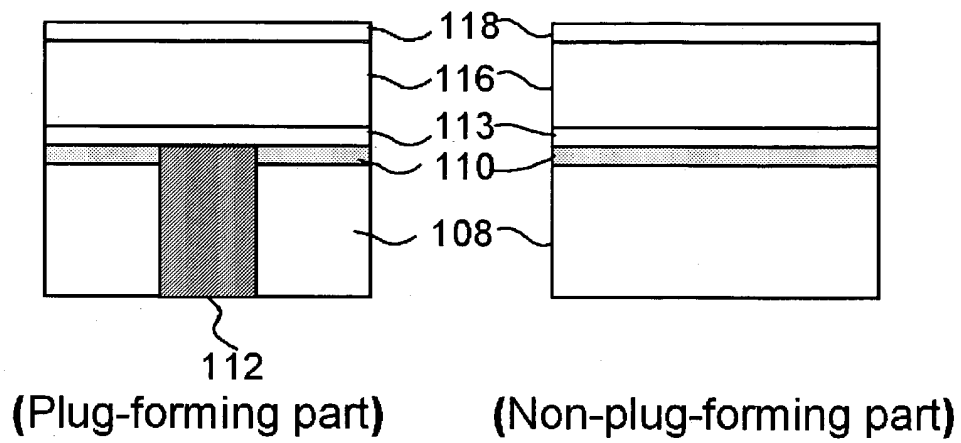


FIG. 2B

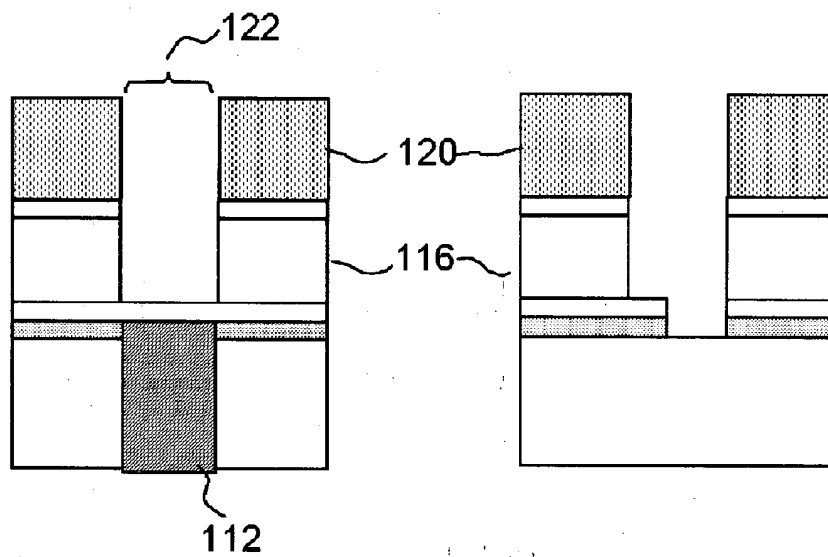


FIG. 2C

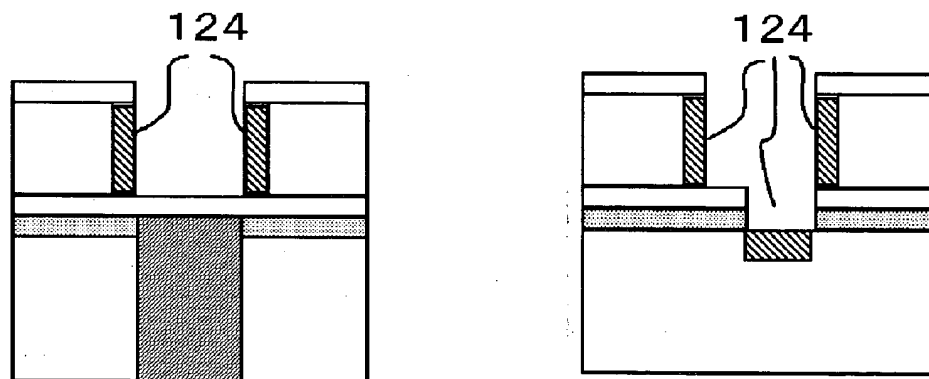


FIG. 3A

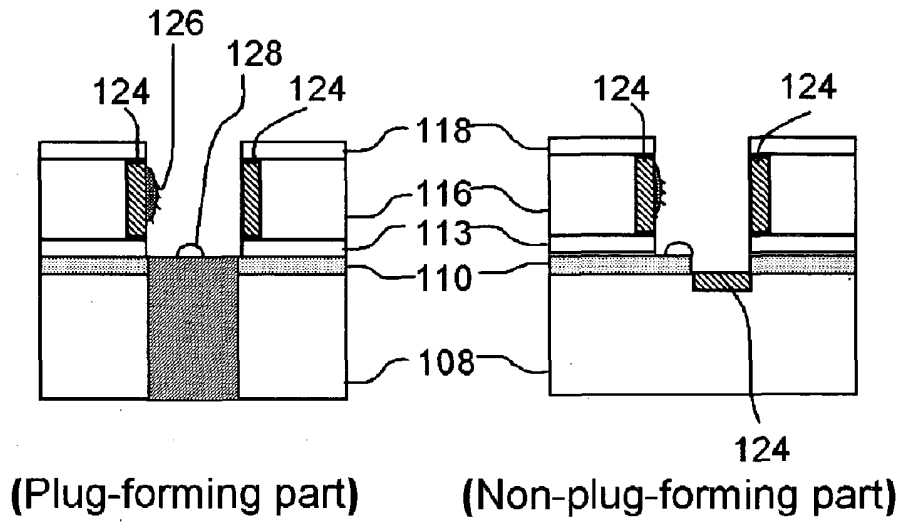


FIG. 3B

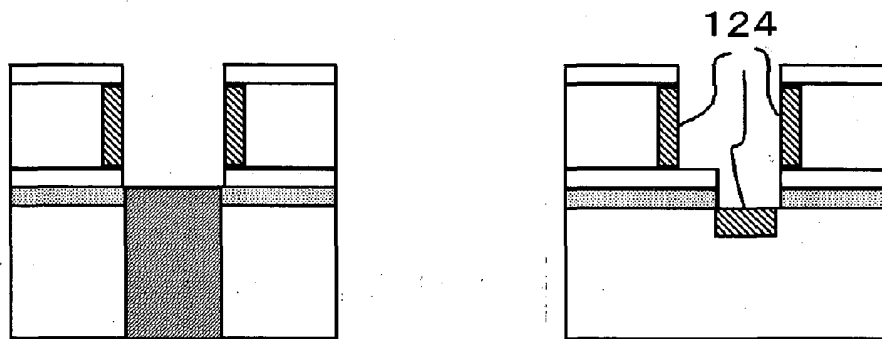
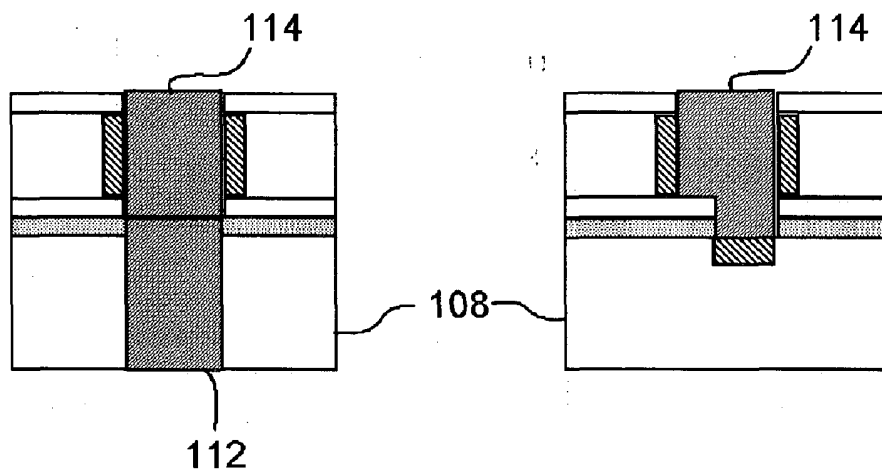


FIG. 3C



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FIG. 4A

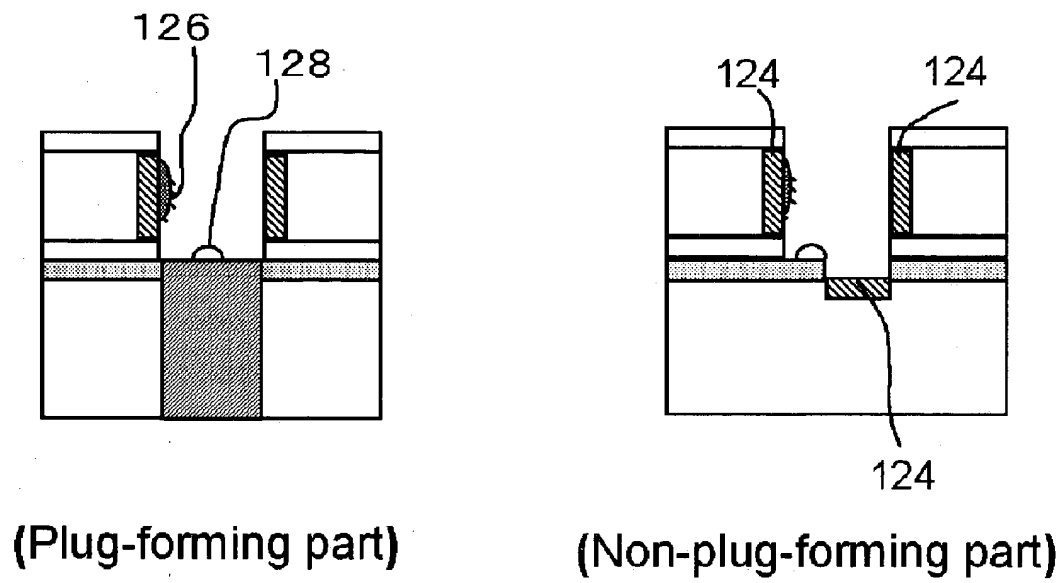


FIG. 4B

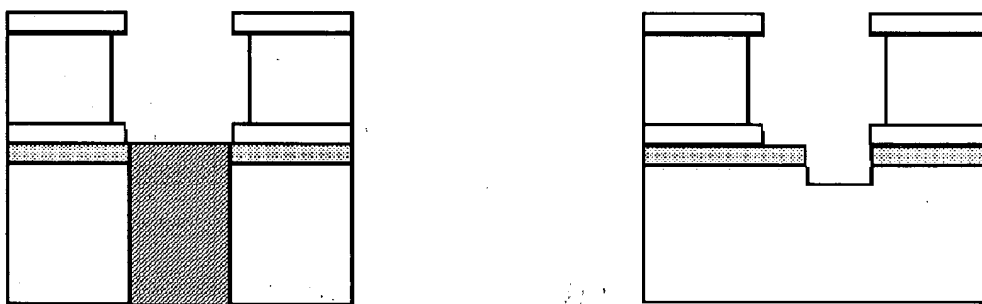
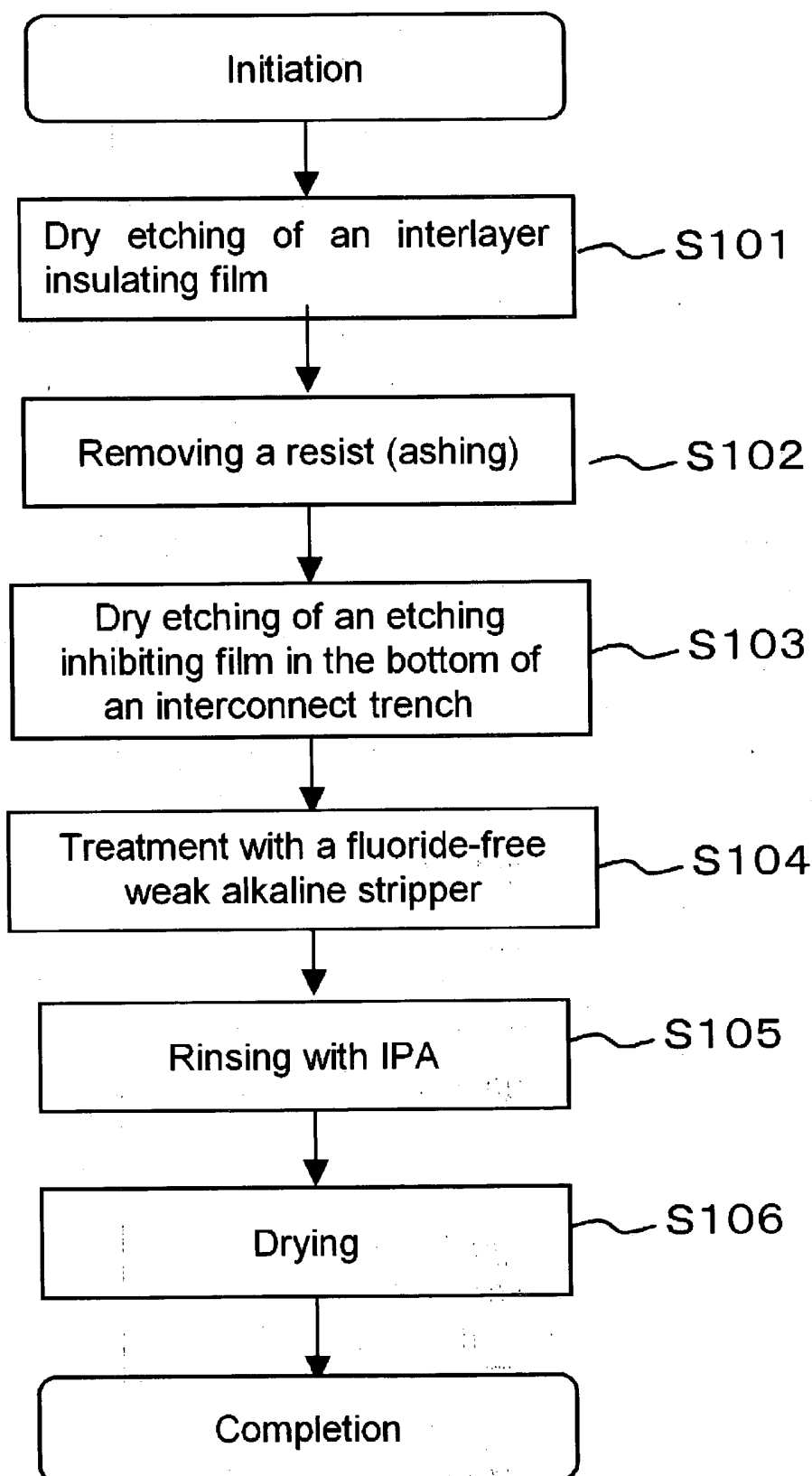
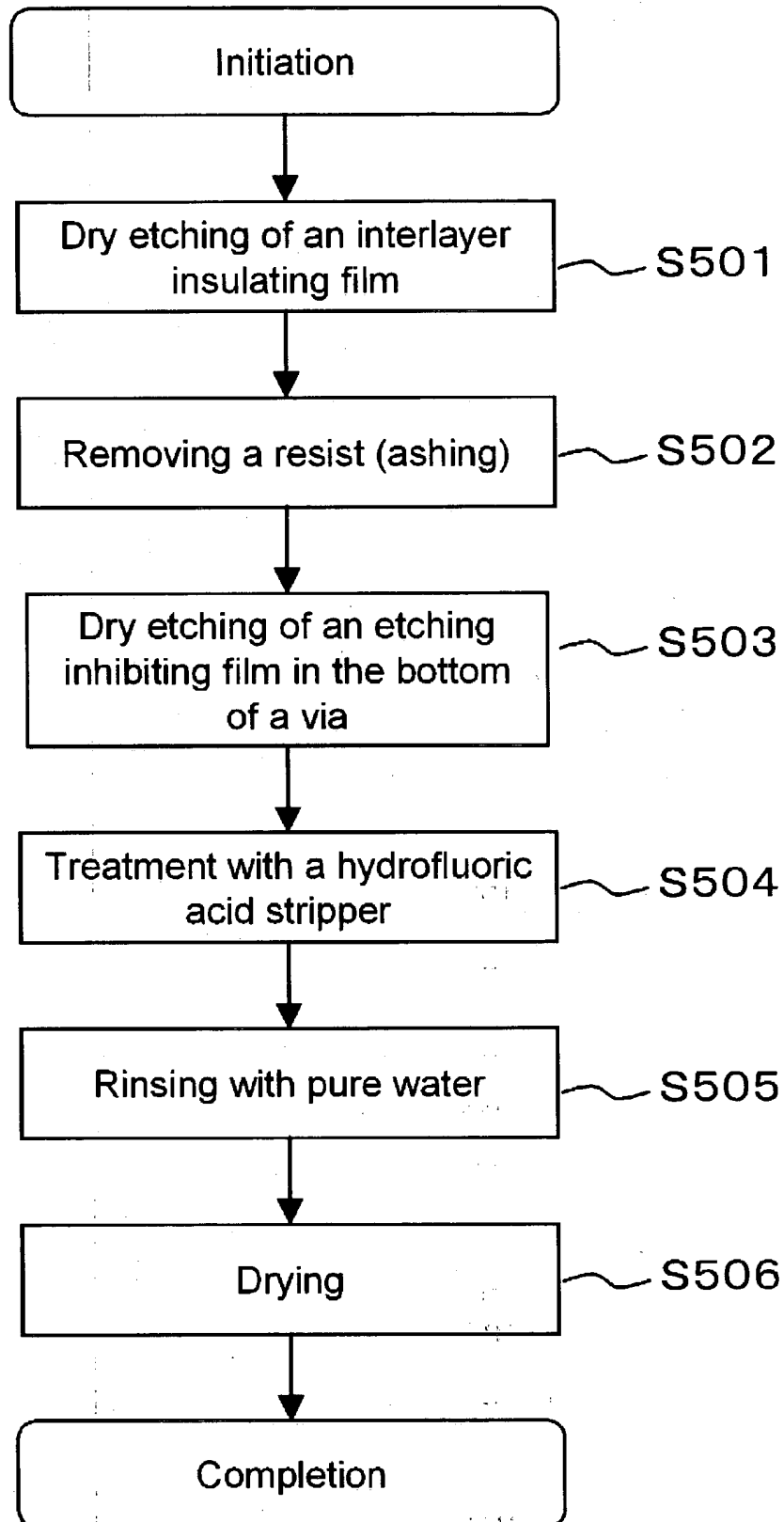


FIG. 5



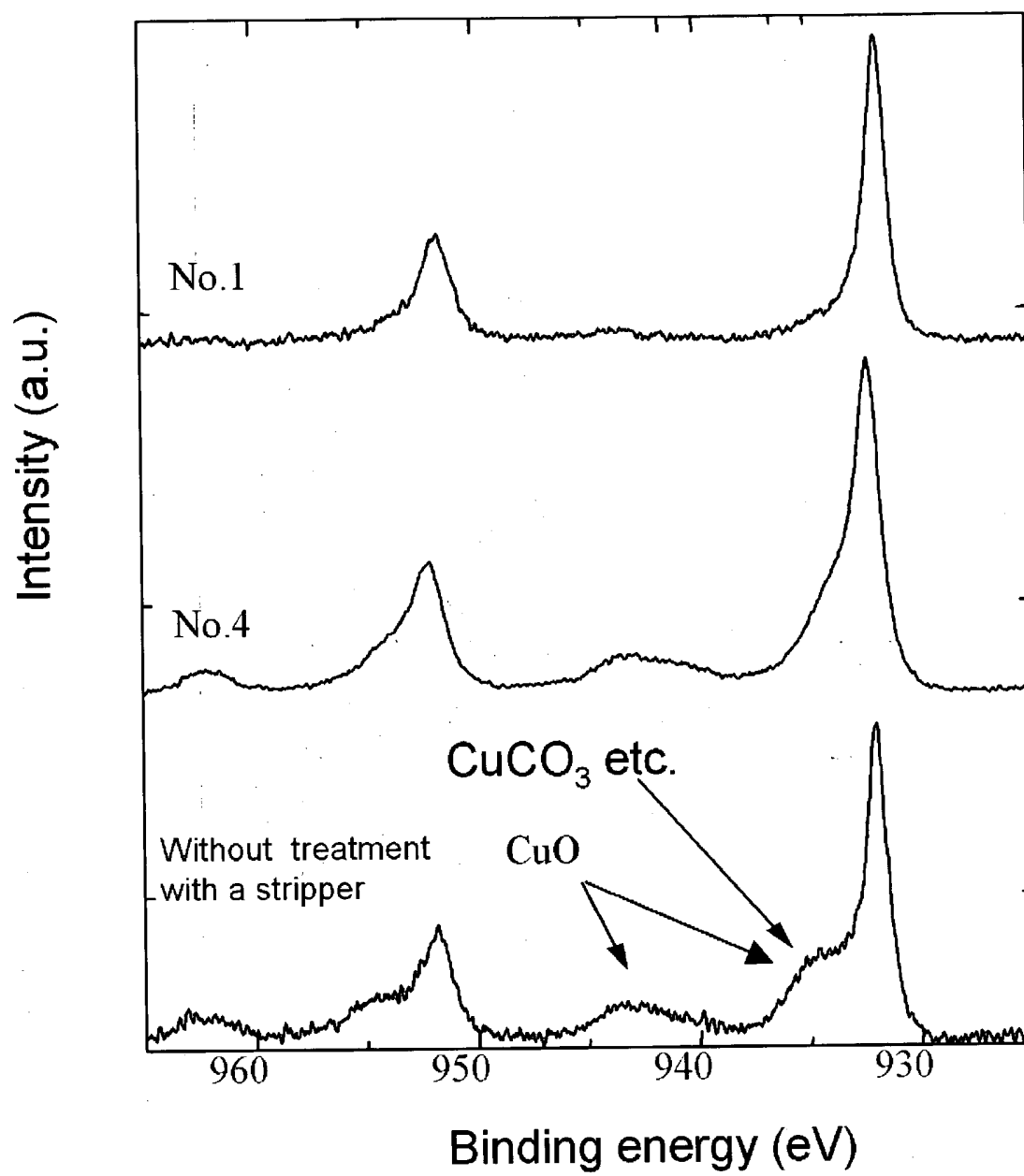
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FIG. 6



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FIG. 7



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FIG 8.

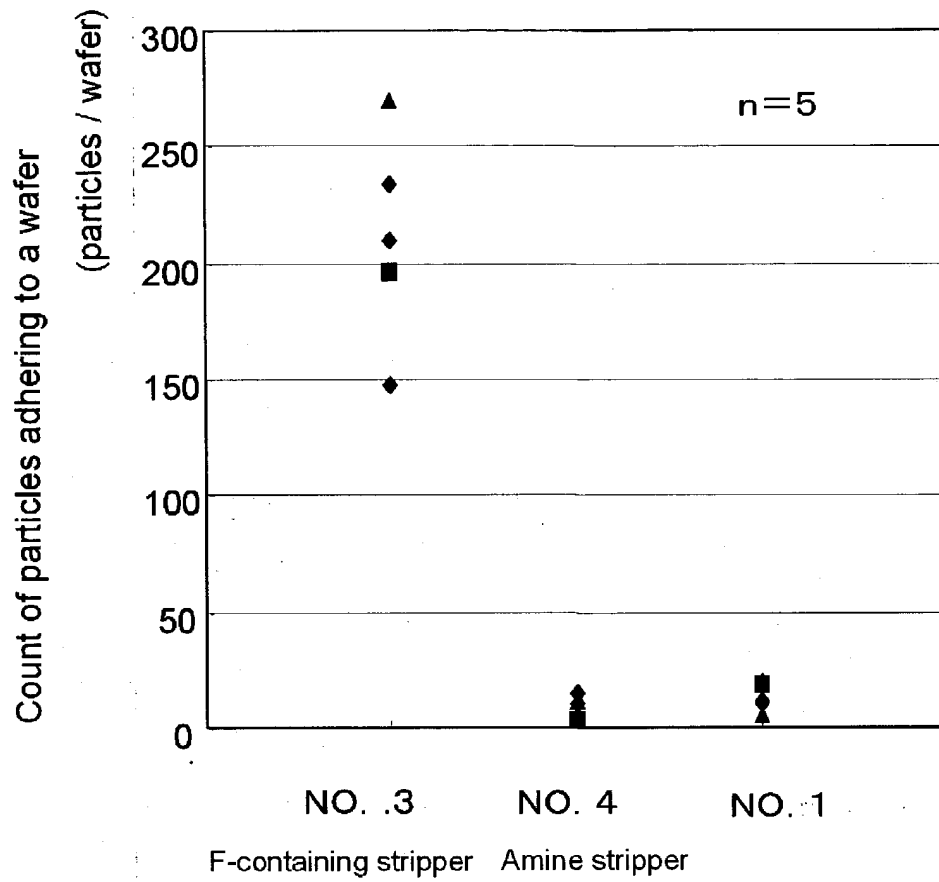
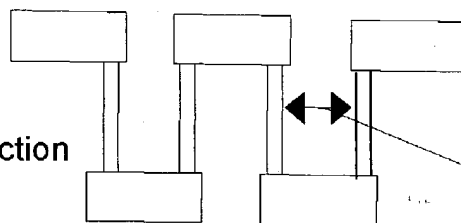


FIG. 9

Upper surface



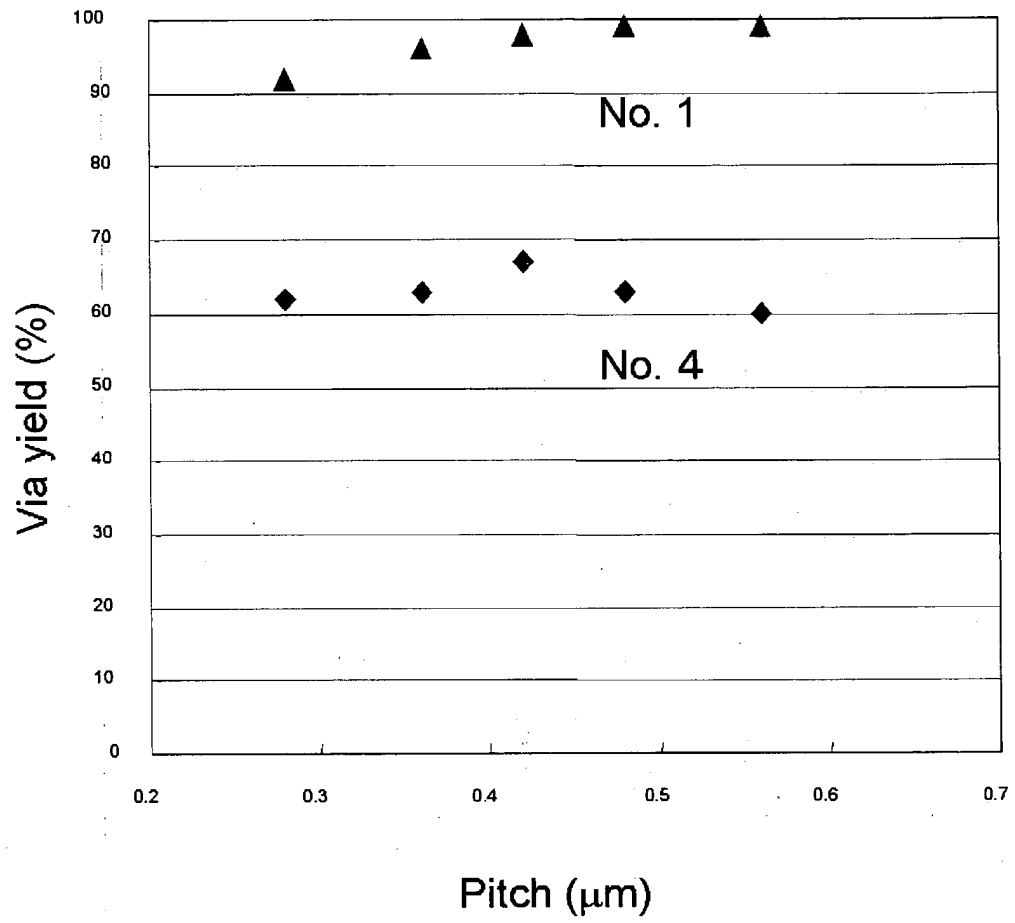
Cross section



Pitch (μm)

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FIG. 10



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FIG. 11A

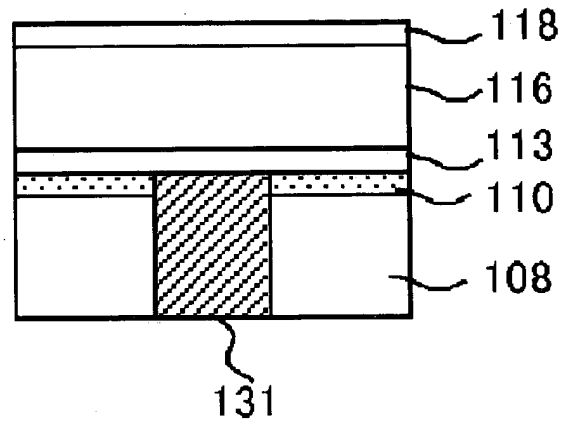


FIG. 11B

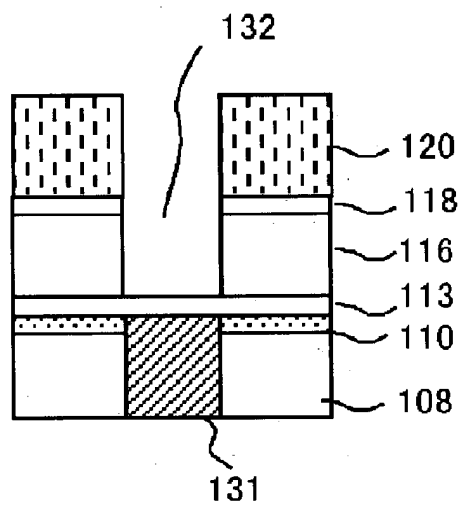
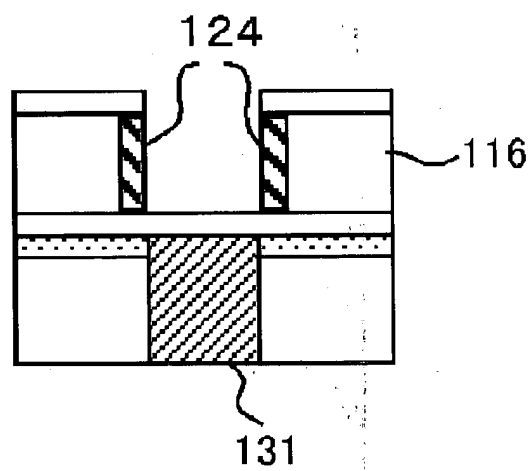


FIG. 11C



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FIG. 12A

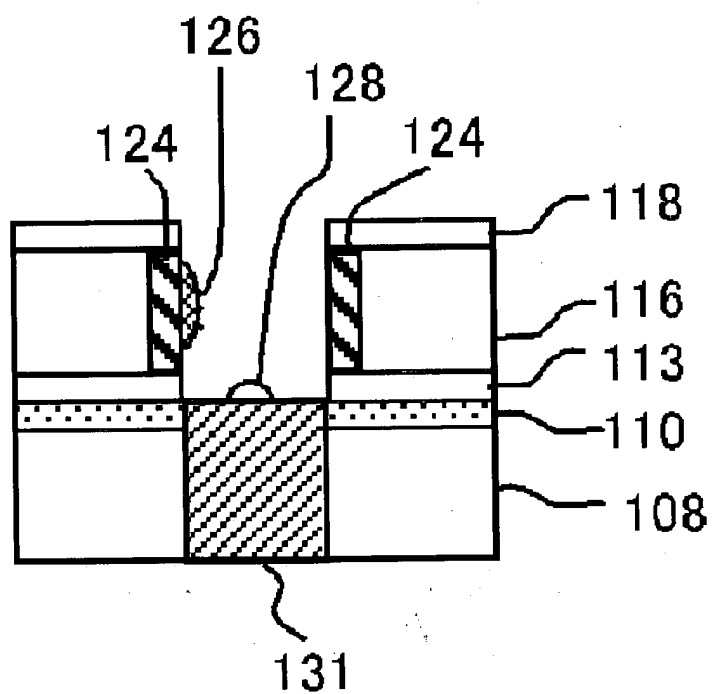
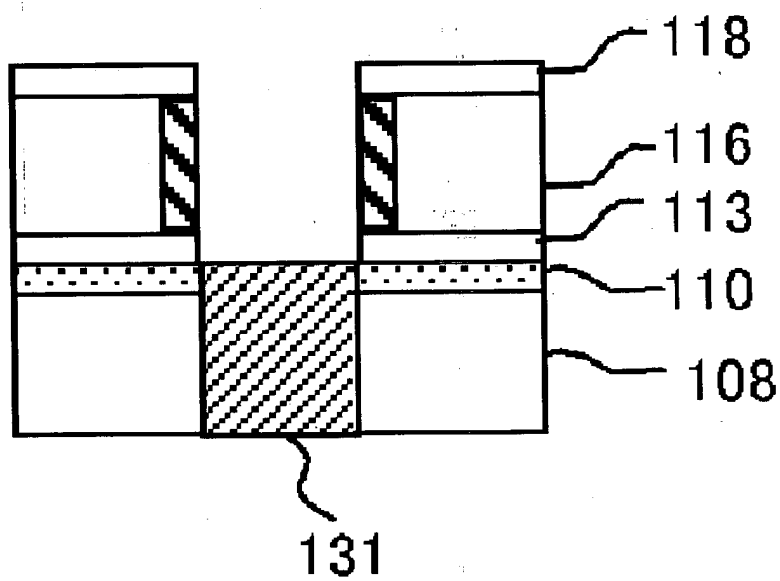
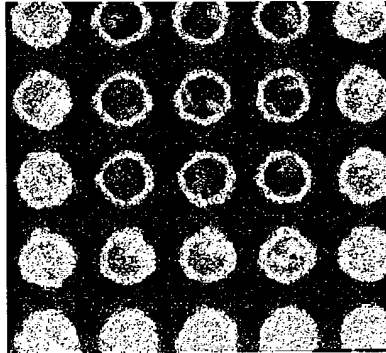


FIG. 12B

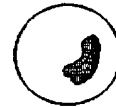


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FIG. 13

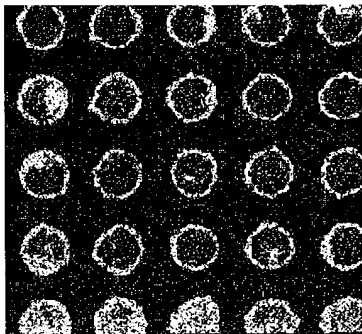
Before treatment



Remaining within the hole

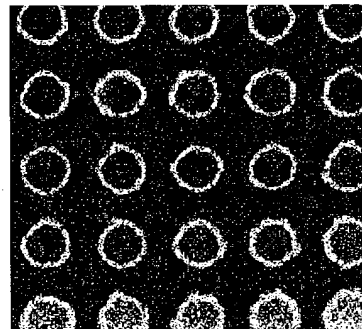


After treatment with Remover NO.4



Residues

After treatment with Remover NO.1



No residues